



Methods in Enzymology, 266:460-480 (1996); which is incorporated herein by reference). WU-BLAST-2 uses several search parameters, most of which are set to the default values. The adjustable parameters are set with the following values: overlap span =1, overlap fraction = 0.125, word threshold (T) = 11.

Please amend the title, appearing at page 1, line 1 as follows:

NUCLEIC ACID ENCODING HUMAN SUPPRESSOR OF FUSED

In the claims:

Please cancel Claims 10, 28-32 and 34-37.

Please amend Claim 1, 4, 7, 11 and 24 as follows:

1. (Twice amended) Isolated nucleic acid comprising DNA encoding an hSu(fu) polypeptide having at least an 80% sequence identity to (a) the sequence of amino acid residues from 1 to 433 of Figure 1 (SEQ ID NO:2), or (b) the complement of the DNA molecule of (a); and wherein said hSu(fu) polypeptide binds Gli.

4. (Twice amended) An isolated nucleic acid molecule having about 1299 nucleotides encoding an hSu(fu) polypeptide, comprising DNA capable of hybridizing under stringent conditions to the complement of the nucleic acid having the sequence of nucleotide positions from about 74 to about 1372 of Figures 6A-6B (SEQ ID NO:1); wherein said stringent conditions are 0.015 M sodium chloride/0.0015 M sodium citrate/0.1% sodium dodecyl sulfate at 50°C, followed by a high stringency wash of 0.1 x SSC containing EDTA at 55°C and wherein said hSu(fu) polypeptide binds Gli.

7. (Twice amended) An isolated nucleic acid molecule comprising (a) DNA encoding a polypeptide having at least an 80% sequence identity to the sequence of amino acid residues from about 1 to about 433 of Figure 1 (SEQ ID NO:2), or (b) the complement of the DNA of (a), and wherein said polypeptide binds Gli.

11. (amended) A vector comprising the nucleic acid of Claim 1.